

ABSTRACT OF THE DISCLOSURE

A power generating system 1 comprises a power generator 2 generating DC power, and an inverter circuit 3 for converting DC power into AC power; the
5 power generator 2 comprises a plurality of power generating modules 21-28 each comprising a plurality of power generating units 30 and at least one electric storage means connected to each of the plurality of power generating modules 21-28. A plurality of first switch means S11a-17a connect/disconnect each of the
10 positive electrodes 62 of the plurality of power generating modules 22-28 to/from a positive bus 6, a plurality of second switch means S11b-17b connect/disconnect each of the positive electrodes 62 of the plurality of power generating modules 22-28 to/from the negative electrodes 60 of the power generating modules 21-27 contiguous to the one side, a plurality of third switch means S1-S7
15 connect/disconnect each of the negative electrodes 60 of the plurality of power generating modules 21-27 to/from a negative bus 7, and the DC output voltage can be increased/decreased stepwise by switching the switch means S1-S7, S11a-17a and S11b-S17b.